

FIG. 1

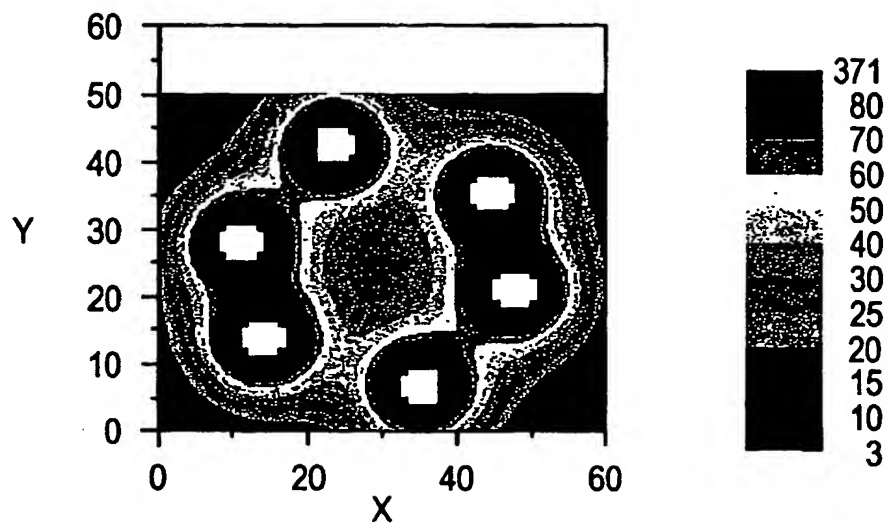
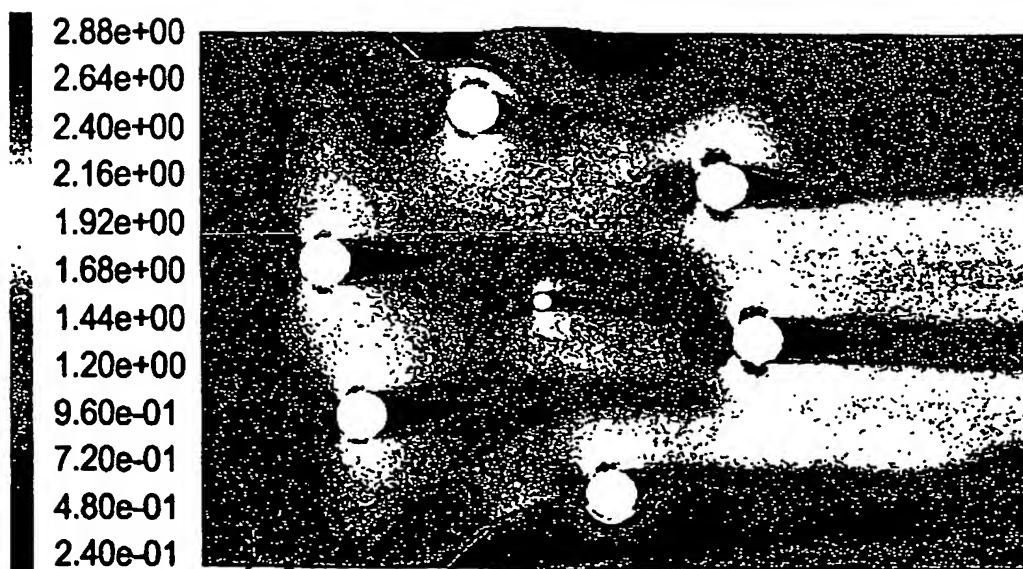


FIG. 2



Head Loss, in = 1.415v²

Velocity, m/s	Head Loss, in
0	0
1.4	2.8
2.2	6.8

FIG. 4

		Particle captured				5-10
	31.49	73.46	31.49			10-15
	30.23	32.72	30.23			15-20
56.22	33.7	32.53	33.7	56.22		20-25
58.84	40.7	50.64	40.7	58.84		25-30
52.13	37.95	35.87	37.95	52.13		30-35
41.44	53.41	40.15	53.41	41.44		35-40
Particle captured	64.79	43.56	64.79	Particle captured		40-45
	28.76	24.97	28.76			45-50
	28.05	24.61	28.05			50-55
		Particle captured				55-60
						60+

FIG. 5

UV Dose, mJ/cm ²	% of cells in G2 phase
0-10	~0.5
10-20	~0.5
20-30	~6.5
30-40	~11.5
40-50	~6.5
50-60	~9.5
60+	~7.5

FIG. 7

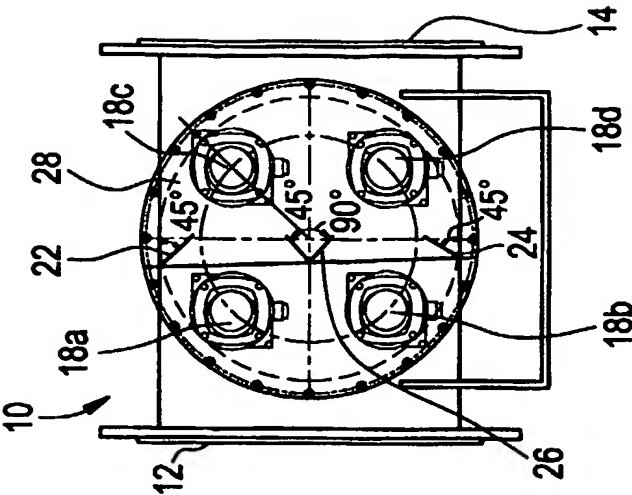


FIG. 6

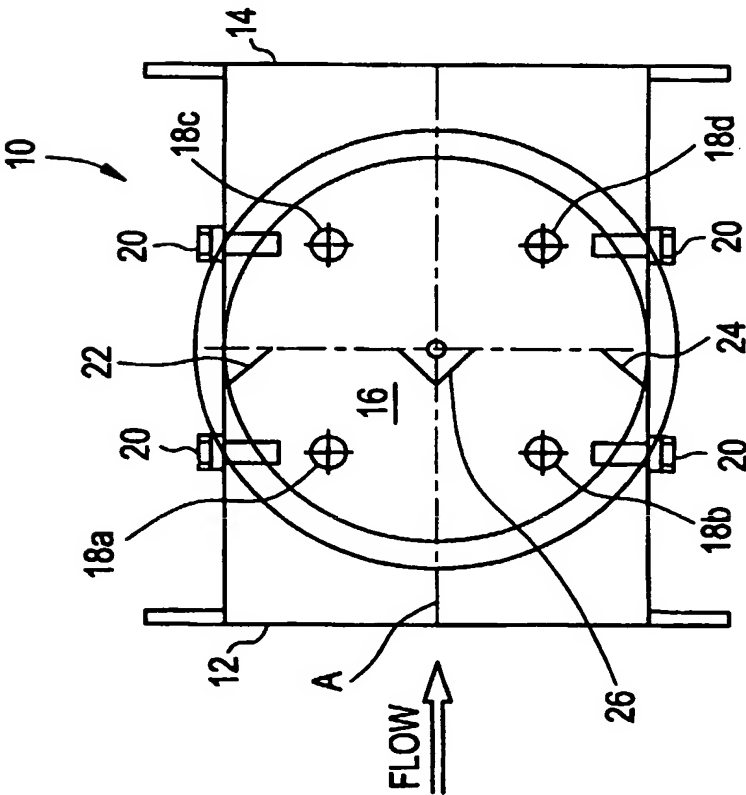


FIG. 8

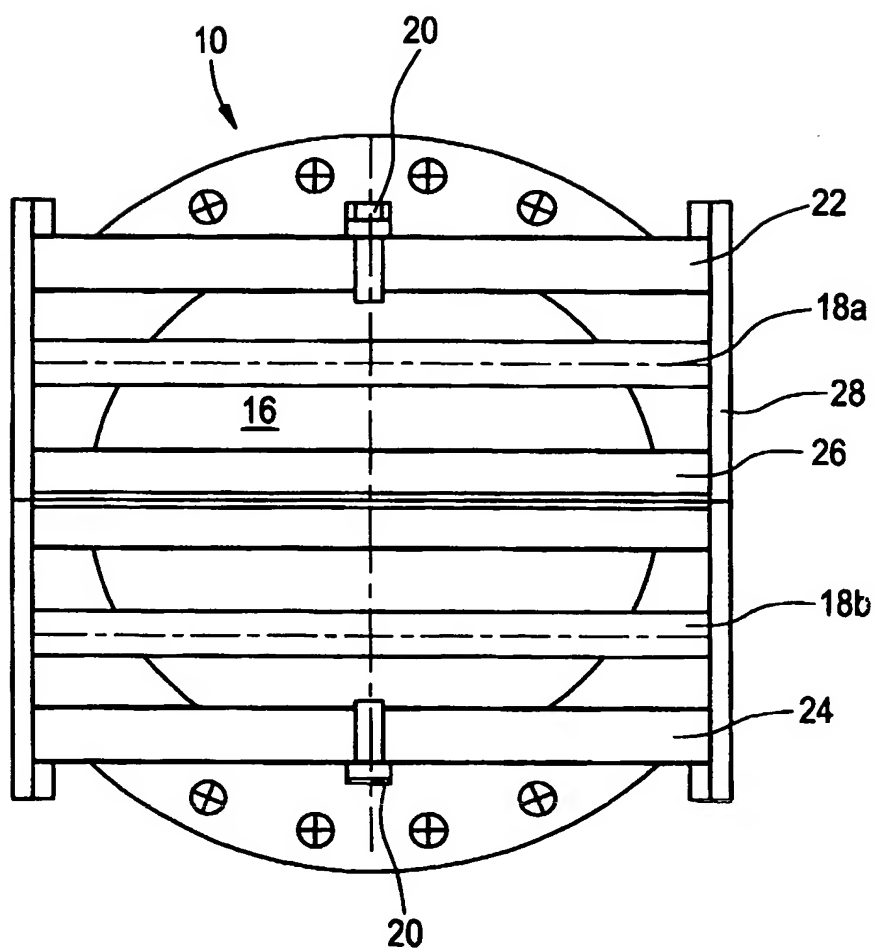


FIG. 9

